

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.. (Withdrawn) A method of making a polarizable electrode for an electric double layer capacitor, comprising:

adding a binder assistant to a binder so that the binder is swollen and mixing a carbonaceous powder, a conductive assistant and thereafter the swollen binder, thereby obtaining a material mixture;

kneading the material mixture into a primary forming material;

forming the primary forming material into a secondary forming material; and

rolling the secondary forming material into a sheet shape.

2. (Withdrawn) A method according to claim 1, wherein the binder assistant is added to the primary forming material and mixed immediately before the secondary forming material is formed.

3. (Currently Amended) A method of making a polarizable electrode for an electric double layer capacitor, comprising:

a mixing step including a primary mixing in which a carbonaceous powder and a conductive assistant are mixed into a primary mixture and a secondary mixing in which a binder and a binder assistant are added to the primary mixture to be mixed into a material mixture;

a kneading step in which the material mixture is kneaded until becoming viscous and then massive due to viscosity, thereby being formed into a primary-forming material;

a forming step in which the massive primary-forming material is formed into a number of grains of secondary forming material; and thereafter into a sheet of forming material; and

a rolling step in which the sheet of secondary forming material is rolled into a thinner sheet shape.

4. (Original) A method according to claim 3, wherein the binder assistant is added to the binder before the secondary mixing so that the binder is swollen.

5. (Currently Amended) A method according to claim 3, wherein the binder assistant is added to the massive primary forming material and mixed immediately before the grains of secondary forming material is are formed.

6. (Currently Amended) A method according to claim 4, wherein the binder assistant is added to the primary massive forming material and mixed immediately before the grains of secondary forming material is are formed.

7. (Withdrawn) A method according to claim 1, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder.

8. (Original) A method according to claim 4, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder.

9. (Withdrawn) A method according to claim 2, wherein an amount of the binder assistant added to the primary forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.

10. (Currently Amended) A method according to claim 5, wherein an amount of the binder assistant added to the primary massive forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.

11. (Withdrawn) A method according to claim 2, wherein an amount of the binder assistant added to the binder

in the mixing ranges from 70 to 130% of a mass of the binder, and an amount of the binder assistant added to the primary forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.

12. (Currently Amended) A method according to claim 5, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder, and an amount of the binder assistant added to the primary massive forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.

13. (Currently Amended) A method according to claim 6, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder, and an amount of the binder assistant added to the primary massive forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.

14. (Withdrawn) A method according to claim 1, wherein the material mixture is kneaded by a kneader, and the kneader includes a portion with which the material mixture is brought into contact during the kneading, and the material

mixture is kneaded while a temperature of the portion of the kneader is controlled.

15. (Original) A method according to claim 3, wherein the material mixture is kneaded by a kneader, and the kneader includes a portion with which the material mixture is brought into contact during the kneading, and the material mixture is kneaded while a temperature of the portion of the kneader is controlled.

16. (Withdrawn) A method according to claim 11, wherein the material mixture is kneaded by a kneader, and the kneader includes a portion with which the material mixture is brought into contact during the kneading, and the material mixture is kneaded while a temperature of the portion of the kneader is controlled.

17. (Original) A method according to claim 13, wherein the material mixture is kneaded by a kneader, and the kneader includes a portion with which the material mixture is brought into contact during the kneading, and the material mixture is kneaded while a temperature of the portion of the kneader is controlled.

18. (Withdrawn) A method according to claim 2,
wherein the primary forming material added with the binder
assistant is mixed in a closed container.

19. (Original) A method according to claim 5,
wherein the primary forming material added with the binder
assistant is mixed in a closed container.

20. (Withdrawn) A method according to claim 16,
wherein the primary forming material added with the binder
assistant is mixed in a closed container.

21. (Original) A method according to claim 17,
wherein the primary forming material added with the binder
assistant is mixed in a closed container.